Sub a1

1. A display comprising:

a circuit board;

a display panel electrically coupled to said circuit board in face-to-face abutment substantially along a plane; and

an electrical connection including a first contact on said circuit board, a second contact on said display panel, and a conductor coupling said first and second contacts and extending generally along said plane.

2. The display of claim 1 wherein said electrical connection is a surface mount connection including solder balls.

3. The display of claim 2 wherein said solder balls couple to the contact pads on one of said display panels or circuit boards.

4. The display of claim 3, said display panel including column electrodes and said conductor including a metallization coupled to said second contact on said display panel and extending to a third contact which contacts a column electrode.

5. The display of claim 4 wherein said column electrode is formed at least in part of indium tin oxide.

6. The display of claim 5 including a plurality of redundant third contacts to said column electrode.

7. The display of claim 6 including a plurality of second contacts aligned in a column parallel to said column electrode.

8. The display of claim 7, said display including pixels, wherein an electrical connection is made from said second contacts to said column electrode for every other pixel along the length of said column electrode.

9. The display of claim 8, said display including an edge, and including a zone, adjacent to said edge, free of electrical connections.

10. The display of claim 1 including a row electrode and a plurality of electrical connections from said second contacts to the row electrode, said second contacts that couple to said row electrode being arranged parallel to said column electrode.

11. A method comprising:

forming an electrical contact pad on a display panel;

forming row and column electrodes on said display panel; and

electrically coupling a first contact pad to a row electrode and electrically coupling a second contact pad to a column electrode, said contact pads being aligned in the space between two adjacent column electrodes, extending generally parallel to the length of said column electrodes.

12. The method of claim 11 including using metallizations to electrically couple said pads to said row electrodes and said column electrodes.

13. The method of claim 11 including providing redundant electrical connections to said column electrodes.

14. The method of claim 11 including excluding contact pads from a region proximate to the edge of said display panel.

15. The method of claim 14 including providing contacts to said column electrodes at every other pixel along the length of said column electrodes.

16. The method of claim 15 including avoiding the contacts to said column electrodes along the edge region of the panel.

17. A display panel comprising:

a substrate;

row and column electrodes formed on said substrate; and

a plurality of contacts formed between adjacent row electrodes, a first set of said contacts electrically coupled to said row electrodes and a second set of said contacts electrically coupled to said column electrodes.

18. The display panel of claim 17 wherein said column electrodes are formed of indium tin oxide and redundant electrical connections are made along the length of said column electrodes.